

In the Claims

1-127 (Canceled).

128 (New). An isolated recombinant polypeptide selected from the group consisting of:

- (i) a polypeptide comprising an amino acid sequence beginning at the amino acid in position 200 and ending at the amino acid in position 300 of SEQ ID NO: 4;
- (ii) a polypeptide consisting of an amino acid sequence beginning at the amino acid in position 200 and ending at the amino acid in position 300 of SEQ ID NO: 4;
- (iii) a polypeptide comprising SEQ ID NO: 4; and
- (iv) a polypeptide consisting of SEQ ID NO: 4.

129 (New). The polypeptide according to claim 128, wherein said polypeptide comprises an amino acid sequence beginning at the amino acid in position 200 and ending at the amino acid in position 300 of SEQ ID NO: 4.

130 (New). The polypeptide according to claim 128, wherein said polypeptide consists of an amino acid sequence beginning at the amino acid in position 200 and ending at the amino acid in position 300 of SEQ ID NO: 4.

131 (New). The polypeptide according to claim 128, wherein said polypeptide comprises SEQ ID NO: 4.

132 (New). The polypeptide according to claim 130, wherein said polypeptide consists of SEQ ID NO: 4.

133 (New). The polypeptide according to claim 128, wherein said polypeptide has geranylgeranyl pyrophosphate synthetase activity.

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134 (New). The polypeptide according to claim 129, wherein said polypeptide has geranylgeranyl pyrophosphate synthetase activity.

135 (New). The polypeptide according to claim 130, wherein said polypeptide has geranylgeranyl pyrophosphate synthetase activity.

136 (New). The polypeptide according to claim 131, wherein said polypeptide has geranylgeranyl pyrophosphate synthetase activity.

137 (New). The polypeptide according to claim 132, wherein said polypeptide has geranylgeranyl pyrophosphate synthetase activity.

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